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Elbit Systems Introduces Helicopter SKYLENS™ Wearable Head-Up Display for Enhanced Flight Vision Applications

With the Skylens™, helicopter operators will be able to extend their services, improving flight safety at night and under limited visibility conditions, where landing is often impaired by low visibility

Medium size civil rotorcraft, often used on offshore operations supporting oil and gas platforms are likely to be the first platforms to qualify for the Helicopter Skylens™

Elbit Systems will launch at the upcoming Farnborough Airshow 2014 the Helicopter version of the Skylens™ wearable head-up display for Enhanced Flight Vision System (EFVS) applications.

Helicopter Skylens provides the aircrew with a true “out of the cockpit” view, displaying flight symbology for day and night operation in severe weather conditions. In limited visibility conditions, the pilot is able to fly eyes out due to the wide field of regard display.

Similar to its commercial counterpart, the Helicopter Skylens is packed in a lightweight, easy-to-install device, much like a pair of sunglasses. A revolutionary approach to meeting the challenges of today’s aviators, Skylens provides head-up information while minimizing the dependency on airport instrumentation.

Skylens is a part of the Clearvision™ Enhanced Flight Vision System (EFVS) family, displaying high-resolution symbology and video on a transparent visor, providing pilots with cutting edge head out capabilities

The Elbit Systems’ helicopter avionics product line for civil applications fuses both synthetic and real-time imagery using a unique design symbology and computer flight guidance. These features offer helicopter pilots a “real-world” view of the terrain along with all obstacles within their flight path, allowing them to “see and avoid” even when visibility outside the aircraft is limited.

Elbit Systems' avionics increase mission efficiency and reduce operational costs by ensuring operational success while maintaining a high level of safety. Whether the mission is corporate, search and rescue, offshore marine, law enforcement or emergency management, Elbit Systems' civil helicopter avionics solutions can be adapted for operational success.

About Elbit Systems

Elbit Systems Ltd. is an international defense electronics company engaged in a wide range of programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems ("UAS"), advanced electro-optics, electro-optic space systems, EW suites, signal intelligence ("SIGINT") systems, data links and communications systems and radios. The Company also focuses on the upgrading of existing military platforms, developing new technologies for defense, homeland security and commercial aviation applications and providing a range of support services, including training and simulation systems.

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